CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/W.No.02/HSPM/CSR-03/784c/Kerb Stone/2014-15

12.03.2015

CEMENT CONCRETE CORE (KERB STONE) TEST REPORT

* Customer	:	**Asst. Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.
* Agency	:	**Mr. H.S. Palakshamurthy** No. 1, 2nd Main, BDA Layout, Pattegarepalya, Near Prashanthnagara, Bangalore.
* Name of work	:	Improvements to footpath and providing RCC precast covering slab from NES Circle to Kenchenahalli Entrance Gate in Ward No. 02 of Yelahanka Sub Division, BBMP, Bangalore.
Reference	:	AEE/BBMP/YSD/AE-2/90/2014-15 Dated: 09.03.2015
Techinical Reference	:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Sample ID	:	Kerb Stone
Sample Received on	:	09.03.2015
Date of Testing	:	12.03.2015

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	75.00	0.371	2519.32	1.50	0.960	24.5	12.45	13.45	12.91	16.14
2	50.00	77.00	0.384	2541.85	1.54	0.955	24.9	12.70	13.72	13.10	16.38
3	50.00	79.00	0.396	2552.93	1.58	0.950	25.4	12.91	13.94	13.25	16.56

* Information is furnished by the Customer/Representative

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

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VISHWANATH .C
Quality Manager

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AEE

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Job No.: CTCE/BBMP/W.No.02/HSPM/CSR-03/784c/Precast Slab/2014-15

13.03.2015

CEMENT CONCRETE CORE (PRECAST SLAB) TEST REPORT

* Customer	:	**Asst. Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.
* Agency	:	**Mr. H.S. Palakshamurthy** No. 1, 2nd Main, BDA Layout, Pattegarepalya, Near Prashanthnagara, Bangalore.
* Name of work	:	Improvements to footpath and providing RCC precast covering slab from NES Circle to Kenchenahalli Entrance Gate in Ward No. 02 of Yelahanka Sub Division, BBMP, Bangalore.
Reference	:	AEE/BBMP/YSD/AE-2/90/2014-15 Dated: 09.03.2015
Techinical Reference	:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Sample ID	:	PRECAST SLAB
Sample Received on	:	09.03.2015
Date of Testing	:	13.03.2015

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	76.00	0.377	2526.38	1.52	0.950	31.8	16.19	17.49	16.61	20.76
2	50.00	78.00	0.389	2539.95	1.56	0.955	32.2	16.37	17.68	16.89	21.11
3	50.00	80.00	0.402	2559.21	1.60	0.960	32.6	16.61	17.94	17.22	21.53

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Quality Manager

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